

CONTENTS OF VOLUME 302

Number 1, August 1, 2006

Order relations on induced and prime ideals in the enveloping algebra of a semisimple Lie algebra	1
Nikolaos Papalexiou	
Multivariate subresultants in roots	16
Carlos D'Andrea, Teresa Krick, and Agnes Szanto	
Maximal rank for planar singularities of multiplicity 2	37
Joaquim Roé	
A dual braid monoid for the free group	55
David Bessis	
Hermitian presentations of Chevalley groups II	70
Marcelo P. De Oliveira and Erich W. Ellers	
PBW-deformations of N-Koszul algebras	116
Gunnar Fløystad and Jon Eivind Vatne	
Adjacent integrally closed ideals in 2-dimensional regular local rings	156
Sunsook Noh and Kei-ichi Watanabe	
Some problems of Wielandt revisited	167
Wolfgang Knapp	
Structure and topological conditions of NI rings	186
Seo Un Hwang, Young Cheol Jeon, and Yang Lee	
Gysin maps in oriented theories	200
Alexander Nenashev	
Finite-dimensional Hopf algebras of rank one in characteristic zero	214
Leonid Krop and David E. Radford	
On Gorenstein projective, injective and flat dimensions—A functorial description with applications	231
Lars Winther Christensen, Anders Frankild, and Henrik Holm	
The index of representations associated with stabilisers	280
Dmitri I. Panyushev and Oksana S. Yakimova	
Semiprime rings with prime ideals invariant under derivations	305
Chen-Lian Chuang and Tsiu-Kwen Lee	
On the regularity of local cohomology of bigraded algebras	313
Ahad Rahimi	
Representation theory of towers of recollement: Theory, notes, and examples	340
Anton Cox, Paul Martin, Alison Parker, and Changchang Xi	
On seminormal monoid rings	361
Winfried Bruns, Ping Li, and Tim Römer	
Rational constants of monomial derivations	387
Andrzej Nowicki and Janusz Zieliński	

Tilting categories with applications to stratifying systems	419
Octavio Mendoza and Corina Sáenz	

Number 2, August 15, 2006

Elementary theory of free non-abelian groups	451
Olga Kharlampovich and Alexei Myasnikov	
Nilpotent Lie algebras of Kac–Moody affine type	553
L. Santharoubane	
Enumerating finite groups and their defining relations II	586
Avinoam Mann	
A right normed basis for free Lie algebras and Lyndon–Shirshov words	593
E.S. Chibrikov	
Self-duality of quasi-Harada rings and locally distributive rings	613
Kazutoshi Koike	
Maximal subloops of finite simple Moufang loops	646
Alexander N. Grishkov and Andrei V. Zavarnitsine	
On the characters of the unit group of DN-algebras	678
Zoltán Halasi	
Polynomial invariants of finite unitary groups	686
Huah Chu and Shin-Yao Jow	
Integrally closed almost complete intersection ideals	720
Cătălin Ciupercă	
New bad lines in $R[x, y]$ and optimization of the Epimorphism Theorem	729
Stéphane Vénéreau	
Quadratic forms associated to stratifying systems	750
Eduardo Do N. Marcos, Octavio Mendoza, Corina Sáenz, and Rita Zuazua	
On extraspecial left conjugacy closed loops	771
Aleš Drápal	
A classification of irreducible weakly spherical homogeneous spaces	793
Tatsuo Kimura, Daisuke Takeda, and Tomohiro Kamiyoshi	
A generalization of Weyl’s denominator formulas for the classical groups	817
Masahiko Ito and Kazuhiko Koike	
Quasi-holonomic modules in positive characteristic	826
Anatoly N. Kochubei	
Fixed fields of triangular matrix groups	845
Ming-chang Kang	
Stone duality for Dedekind σ-complete ℓ-groups with order-unit	848
Roberto Cignoli and Daniele Mundici	
Polynomial-mappings and M-equivalence	862
S.B. Mulay	
Examples of self-iterating Lie algebras	881
V.M. Petrogradsky	

Conjugacy of Cartan subalgebras of complex finite-dimensional Leibniz algebras	887
B.A. Omirov	
<i>Erratum</i>	
Erratum to “The centre of quantum \mathfrak{sl}_n at a root of unity”	
[J. Algebra 301 (2006) 425–445]	897
Rudolf Tange	
<i>Author index for volume 302</i>	899